

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045590.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 12:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 12:52:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.861	4472042	21.385 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	13.304	3389619	21.543 ug/ml
Spiked Amount 50.000		Recovery =	43.09%
Target Compounds			
1) T n-Nonane (C9)	3.251	3423286	21.588 ug/ml
2) T n-Decane (C10)	4.501	3472212	21.683 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3812443	21.886 ug/ml
4) T n-Dodecane (C12)	6.667	3492267	21.620 ug/ml
5) T A~2-methylnaphthalene...	7.296	3713666	21.868 ug/ml
6) T n-Tetradecane (C14)	8.494	3478181	21.681 ug/ml
7) T n-Hexadecane (C16)	10.103	3583704	21.642 ug/ml
8) T n-Octadecane (C18)	11.549	3715339	21.670 ug/ml
10) T n-Eicosane (C20)	12.860	3708349	21.433 ug/ml
11) T n-Heneicosane (C21)	13.472	3704400	21.533 ug/ml
13) T n-Docosane (C22)	14.059	3720245	21.576 ug/ml
14) T n-Tetracosane (C24)	15.164	3790654	21.713 ug/ml
15) T n-Hexacosane (C26)	16.187	3790219	21.764 ug/ml
16) T n-Octacosane (C28)	17.139	3754936	21.726 ug/ml
17) T n-Tricontane (C30)	18.027	3789439	21.660 ug/ml
18) T n-Dotriacontane (C32)	18.863	3870887	21.218 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3525607	21.247 ug/ml
20) T n-Hexatriacontane (C36)	20.387	3347427	21.088 ug/ml
21) T n-Octatriacontane (C38)	21.119	3232375	20.612 ug/ml
22) T n-Tetracontane (C40)	22.022	2836168	19.957 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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